

In the claims: The claims are as follows.

1. (Previously presented) An apparatus, comprising:

a ranging receiver, responsive to power control signals based on sensor signals indicating whether the ranging receiver is in motion, the power control signals for powering on or off selected components of the ranging receiver so as to put the ranging receiver in standby mode as opposed to fully active mode but not fully powered off; and

a motion sensor, mechanically coupled to the ranging receiver so as to move when the ranging receiver moves, for providing the sensor signals.

2. (Previously presented) An apparatus as in claim 1, further comprising a controller, responsive to the sensor signals, for providing the power control signals so as to power down the selected components of the ranging receiver if the sensor signals indicate that the ranging receiver is substantially stationary.

3. (Previously presented) An apparatus as in claim 2, wherein the controller is configured to also use the output signals from the ranging receiver in deciding whether to power down the selected components of the ranging receiver by determining whether the output signals from the ranging receiver also indicate that the ranging receiver is substantially stationary.

4. (Previously presented) An apparatus as in claim 1, wherein the controller is configured to re-apply power to the selected components as soon as the motion sensor indicates significant motion of the ranging receiver.

5. (Previously presented) An apparatus as in claim 1, wherein

the controller is configured to re-apply power to the selected components as soon as the motion sensor indicates significant motion of the ranging receiver but not to reapply power for a predetermined time in case of sensor signals indicating motion of at most several centimeters per minute.

6. (Previously presented) An apparatus as in claim 1, wherein the motion sensor is a MEMS-based motion sensor.

7. (Previously presented) An apparatus as in claim 1, wherein the motion sensor comprises an electronic compass or an accelerometer.

8. (Previously presented) A system, comprising: an apparatus as in claim 1, and further comprising one or more ranging satellites for providing ranging signals conveying navigation information, wherein the apparatus provides the output signals indicating information as to the position or motion of the ranging receiver based on the ranging signals.

9. (Original) A system, comprising: a cellular communication terminal including an apparatus as in claim 1, and a cellular communication network by which the cellular communication terminal is communicative with other communication terminals.

10. (Previously presented) A system, comprising:

a cellular communication terminal including an apparatus as in claim 1;

a cellular communication network by which the cellular communication terminal is communicative with other communication terminals; and

one or more ranging satellites for providing ranging signals conveying navigation information;

wherein the apparatus is configured to provide the output signals indicating information as to the position or motion of the ranging receiver based on the ranging signals.

11. (Previously presented) A method, comprising:

reading sensor signals provided by a motion sensor mechanically coupled to a ranging receiver; and

powering down selected components of the ranging receiver so as to put the ranging receiver in standby mode as opposed to fully active mode but not fully powered off, based on whether the sensor signals indicate only at most insubstantial motion of the ranging receiver.

12. (Previously presented) The method of claim 11, further comprising:

reapplying power to the selected components as soon as the motion sensor indicates significant motion of the ranging receiver, but not reapplying power for a predetermined time in case of sensor signals indicating motion of at most several centimeters per minute.

13. (Original) A computer program product comprising: a computer readable storage structure embodying computer program code thereon for execution by a computer processor, with said computer program code characterized in that it includes instructions for performing the steps of the method of claim 11.

14. (Previously presented) The method of claim 11, wherein in powering down selected components of the ranging receiver based on whether the sensor signals indicate only at most insubstantial

motion of the ranging receiver, output signals from the ranging receiver are also used in deciding whether to power down the selected components, by determining whether the output signals from the ranging receiver also indicate that the ranging receiver is substantially stationary.

15. (Previously presented) An apparatus, comprising:

a ranging receiver, responsive to power control signals for powering on or off selected components of the ranging receiver so as to put the ranging receiver in standby mode as opposed to fully active mode but not fully powered off, and also responsive to ranging signals from sources for positioning, for providing output signals indicative of the location of the ranging receiver;

motion sensor means, mechanically coupled to the ranging receiver so as to move with the ranging receiver, for providing sensor signals indicating whether the ranging receiver is in motion; and

controller means, responsive to the sensor signals, for providing the power control signals so as to power down the selected components of the ranging receiver if the sensor signals indicate that the ranging receiver is substantially stationary.

16. (Previously presented) An apparatus, comprising:

a ranging receiver, responsive to power control signals for powering on or off selected components of the ranging receiver so as to put the ranging receiver in standby mode as opposed to fully active mode but not fully powered off, and also responsive to ranging signals from sources for positioning, for providing output signals indicative of the location of the ranging receiver;

a motion sensor, mechanically coupled to the ranging receiver so as to move with the ranging receiver, for providing sensor signals indicating whether the ranging receiver is in motion; and

a controller, responsive to the sensor signals, for providing the power control signals so as to power down the selected components of the ranging receiver if the sensor signals indicate that the ranging receiver is substantially stationary.

17. (Previously presented) An apparatus as in claim 16, wherein the controller is configured to also use the output signals from the ranging receiver in deciding whether to power down the selected components of the ranging receiver by determining whether the output signals from the ranging receiver also indicate that the ranging receiver is substantially stationary.

18. (Previously presented) An apparatus as in claim 16, wherein the controller is configured to re-apply power to the selected components as soon as the motion sensor indicates significant motion of the ranging receiver.

19. (Previously presented) An apparatus as in claim 16, wherein the controller is configured to re-apply power to the selected components as soon as the motion sensor indicates significant motion of the ranging receiver but not to reapply power for a predetermined time in case of sensor signals indicating motion of at most several centimeters per minute.

20. (Previously presented) A cellular phone, comprising a mobile terminal for communicating with a cellular telecommunication network via a radio access network, and also comprising an apparatus as in claim 16.